

Configuration Settings Appendix

The monitor is pre-configured with factory defaults settings when it is shipped. This section documents these factory default configuration settings. If you change the User Defaults, this document will no longer reflect your configuration, so you must note any changes you make in the editable version of this appendix provided on the documentation DVD-ROM. The initial configuration of your monitor may vary slightly depending on your geography and on the options purchased.

In most cases, there is one set of factory default settings listed in the tables under “Factory Defaults”. Where there is more than one set of defaults (due to geography-specific options, for example), these are noted in the tables. The tables contain a blank section called “User Defaults”, where you can document your preferred, customized settings saved to the User Defaults.

Documenting Monitor Configurations

To help you document your monitor’s configuration, the configuration tables from this appendix are also provided as a Word document on the documentation DVD-ROM supplied with the monitor. To document the configurations you create, edit this document using a word-processing program to reflect the configuration and then save it under an appropriate name.

As Philips cannot take responsibility for changes made to this document in the *.doc format, you must only use the.pdf version of this appendix as a reference for the initial configuration settings supplied with the monitor.

The configuration implications are only provided in the.pdf version of this appendix. You must read this document before you modify monitor configurations.

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Using the Configuration Tables

The “breadcrumb trail” at the top of each table indicates the path you should follow to access the settings in the table: in this example, to configure the fetal recorder settings, in the **Main Setup** menu, select **Measurements** and then select **Fetal Recorder**.

Configuration Table Example

This is a (shortened) example of a configuration table, as you will find it in the following sections of this manual.

Item Name	Factory Defaults	Choice	User Defaults
Scale Type	Geography-specific	US (scale = 30-240) Internat'l (scale = 50-210)	
Recorder Speed	3 cm/min	1, 2, 3 cm/min	
Trace Style FHR1	Thick	Thin, Medium, Thick, Extra Thick	
Trace Style FHR2	Medium		
Trace Style FHR3	Extra Thick		
Trace Style HR	Thin		
Wave Style ECG	Thin		
ECG Wave	Separate	Separate, Overlap	
Auto Start	Off	Off, On	

Item Name The leftmost column in each table lists the individual configuration items. These items correspond to the menu items in the relevant setup menu in the monitor.

Factory Defaults This section deals with the factory default settings for each configuration item.

Choice This lists the possible choices for the settings you can configure.

User Defaults In each table, columns are left blank for you to enter the settings you change.

NOTE You cannot print out the configuration from the monitor: these tables are your only documentation of the configuration you implement for each monitor. We strongly recommend that you always write down any changes you make and keep this record safely.

Understanding Configuration Implications

When you permanently change any element of the configuration, you must consider the effect of the new configuration on both patient and application behavior. For more information on the context of the configuration settings, see the monitor *Instructions for Use*. Always ensure that the monitor users are aware of the configuration settings.

Measurement-Related Settings

This section lists all the measurement-related settings. They define how the monitor measures patient data. Document the settings you configure in the empty columns.

Read any information on Configuration Implications at the end of the sections before you make any configuration changes.

Color Configuration

The color setting for each measurement defines the color for its numeric (and wave, if applicable). The color setting for Pulse is taken from the active pulse source. The choice for color is: **Red, Green, Yellow, Blue, Magenta, Cyan, White, Pink, Orange, Light Green, Light Red**

Configuring FHR (Ultrasound)

Main Setup --> Measurements --> FHR(1/2/3)

Item Name	Factory Defaults	Choice	User Defaults
FHR Sound Volume	6	0..10	6
High Limit	150 bpm	70..210 bpm, in 10 bpm steps	160
Low Limit	110 bpm	60..200 bpm, in 10 bpm steps	110
Alarms	On	Off, On	Off
Fetal Movement	On	Off, On	on
High Delay	60 sec	10..300 sec, in 10 second steps	300
Low Delay	60 sec	10..300 sec, in 10 second steps	120
SignalLoss Delay	60 sec	10..300 sec, in 10 second steps	120
Color	Orange	See "Color Configuration" on page 151	Red/Blue

FHR Configuration Implications

High Limit/Low Limit, High Delay/Low Delay, SignalLoss Delay All FHRs, including DECG, share the same alarm limits and delays, and can be set from any FHR channel.

Alarms This lets you switch **On** FHR alarms. Your monitor must be configured to alarm mode **All** to enable the FHR alarms.

Fetal Movement Fetal movement profile can be enabled from any FHR channel, even though the fetal movement detection itself only applies to FHR1.

Configuring Toco

Main Setup --> Measurements --> Toco

Item Name	Factory Defaults	Choice	User Defaults
Toco Gain	100%	50%, 100%	100%
Color	Green	See “Color Configuration” on page 151	green

Configuring IUP

Main Setup --> Measurements --> IUP

Item Name	Factory Defaults	Choice	User Defaults
IUP Unit	mmHg	mmHg, kPa	mmHg
Color	Green	See “Color Configuration” on page 151	yellow

Configuring DFHR (DECG)

Main Setup --> Measurements --> DFHR

Item Name	Factory Defaults	Choice	User Defaults
FHR Sound Volume	6	0..10	6
High Limit	150 bpm	70..210 bpm, in 10 bpm steps	160
Low Limit	110 bpm	60..200 bpm, in 10 bpm steps	110
Alarms	On	Off, On	off
ArtifactSuppress	On	Off, On	on
High Delay	60 sec	10..300 sec, in 10 second steps	300
Low Delay	60 sec	10..300 sec, in 10 second steps	120
SignalLoss Delay	60 sec	10..300 sec, in 10 second steps	120
Color	Orange	See “Color Configuration” on page 151	Red
ECG Wave	Off	On/Off	off

DFHR Configuration Implications

Your monitor must be configured to alarm mode **All** to enable the FHR alarms.

High Limit/Low Limit, High Delay/Low Delay, SignalLoss Delay All FHRs, including DECG, share the same alarm limits and delays, and can be set from any FHR channel.

Alarms This lets you switch **On** FHR alarms.

ArtifactSuppress This lets you switch artifact suppression **On** (artifacts are suppressed) and **Off** (no artifact suppression: use this setting if you suspect fetal arrhythmia).

Configuring MHR (ECG)/Pulse

Main Setup --> Measurements --> ECG

Main Setup --> Measurements --> Pulse

Item Name	Factory Defaults	Choice	User Defaults
High Limit	120 bpm	31..300 bpm in steps of 1 bpm (31 to 40 bpm) in steps of 5 bpm (40 to 300 bpm)	120
Low Limit	50 bpm	30..295 bpm in steps of 1 bpm (30 to 40 bpm) in steps of 5 bpm (40 to 295)	50
Alarms	On	Off, On	on
QRS Volume	1	0..10	0
Δ ExtrTachy	20 bpm	0..50 bpm, in steps of 5 bpm	20
Tachy Clamp	200 bpm	150..240 bpm, in steps of 5 bpm	160
Δ ExtrBrady	20 bpm	0..50 bpm, in steps of 5 bpm	20
Brady Clamp	40 bpm	30..100 bpm, in steps of 5 bpm	40
Color	Red (ECG) Cyan (Pulse from SpO ₂)	See “Color Configuration” on page 151	pink

ECG/Pulse Configuration Implications

Your monitor must be configured to alarm mode **A11** to enable the MHR alarms.

High Limit/Low Limit MHR (MECG) and Pulse share the same alarm limits. These alarm limits apply to the current alarm source, either HR or Pulse. Note that if you change the High/Low alarm limits in the Setup ECG menu, this will also change the High/Low alarm limits in the Setup Pulse menu and vice versa.

Alarms This lets you switch **Off** HR alarms. If you change the **Alarms** setting in the Setup ECG menu, this will also change the **Alarms** setting in the Setup Pulse menu and vice versa.

Δ ExtrTachy, Δ ExtrBrady Extreme bradycardia and extreme tachycardia alarms are based on the HR/Pulse limit alarms. In Configuration Mode, you use the **Δ ExtrTachy** and **Δ ExtrBrady** setting to define the difference between the heart rate limit and the extreme limit. For example, if the heart rate high limit is 120 bpm and the difference is 20 bpm then the extreme tachycardia limit is 140. HR and Pulse share the same alarm limits. The **Δ ExtrTachy** and **Δ ExtrBrady** settings apply to the current alarm source, either HR or Pulse. If you change the **Δ ExtrTachy** or **Δ ExtrBrady** setting in the Setup ECG menu, this will also change the **Δ ExtrTachy** or **Δ ExtrBrady** setting in the Setup Pulse menu and vice versa.

Tachy Clamp, Brady Clamp The Brady and Tachy clamp allows you to configure a safety threshold for the extreme bradycardia and tachycardia alarm limits. For example, if the low heart rate limit is 50 bpm and the **Δ ExtrBrady** setting is 20 bpm ($50 \text{ bpm} - 20 \text{ bpm} = 30$) with a Brady clamp set at 40, the resulting extreme bradycardia limit would be 40 bpm (instead of 30 bpm). If the clinician sets the HR alarm limit above or below the limit clamps for an individual patient, the limit clamps become the extreme brady or extreme tachy alarm (these are red alarms). Be sure to set the clamps beyond the configured HR limits.

HR and Pulse share the same alarm limits. The **Tachy Clamp** and **Brady Clamp** settings apply to the current alarm source, either HR or Pulse. If you change the **Tachy Clamp** or **Brady Clamp** setting in the Setup ECG menu, this will also change the **Tachy Clamp** or **Brady Clamp** setting in the Setup Pulse menu and vice versa.

Alarms Off Note that changing the **Alarms Off** setting in the Setup ECG menu also changes the **Alarms Off** setting in the Setup Pulse menu and vice versa.

Configuring SpO₂

Main Setup --> Measurements --> SpO₂

Item Name	Factory Defaults	Choice	User Defaults
High Limit	100	51..100 bpm, in 1 bpm steps	100
Low Limit	90	50..99 bpm, in 1 bpm steps	90
Desat Limit	80	50..99 bpm, in 1 bpm steps	80
Alarms	On	Off, On	on
QRS Volume	1	0..10	0
Tone Modulation	Yes	Yes, No	yes
Tone Mod. Type	Enhanced	Enhanced, Standard	enhanced
Average	10 sec	20, 10, 5 sec	10
High Alarm Delay	10 sec	0..30 sec, in 1 second steps	30
Low Alarm Delay	10 sec	0..30 sec, in 1 second steps	15
Desat Alarm Delay	20 sec	0..30 sec, in 1 second steps	10
NBP Alarm Suppr.	On	Off, On	on
Color	Cyan	See "Color Configuration" on page 151	cyan

SpO₂ Configuration Implications

SpO₂ The **On/Off** state of the SpO₂ measurement cannot be preconfigured. SpO₂ is automatically switched **On** when an SpO₂ sensor is connected to the monitor.

Average The SpO₂ numeric represents an average value calculated from the sum of SpO₂ values measured during the averaging time. **Average** lets you adjust the averaging time between **5**, **10**, and **20** seconds.

High/Low/Desat Alarm Delay The alarm delay defines the amount of time that the averaged SpO₂ value needs to be above or below the corresponding alarm limits before an alarm is activated.

NBP Alarm Suppr. Set **NBP Alarm Suppr.** to **On** to suppress INOPs that would otherwise be generated when you measure NBP on the same limb as SpO₂. If **NBP Alarm Suppr.** is configured to **On**, the monitor automatically remembers the SpO₂ value measured before cuff inflation and suppresses any SpO₂ INOPs while the cuff is inflated.

Configuring Noninvasive Blood Pressure (NBP)

Main Setup --> Measurements --> NBP

Item Name	Factory Defaults	Choice	User Defaults
Pulse(NBP)	On	Off, On	on
Alarms from	Systolic	Sys., Dia., Mean, Sys & Dia, Dia & Mean, Sys & Mean, Sys&Dia&Mean	syst/dias
Sys. High	160	95..270 mmHg	160
Sys. Low	90	30..155 mmHg	90
Dia. High	90	55..245 mmHg	90
Dia. Low	50	10..85 mmHg	50
Mean High	110	65..255 mmHg	n/a
Mean low	60	20..105 mmHg	n/a
Alarms	On	Off, On	on
NBP	On	Off, On	on
Repetition Time	15 min	1, 2, 2.5, 3, 5, 10, 15, 20, 30, 45, 60, 120 min	30
Auto/Manual	Manual	Auto/Manual	manual
Unit	mmHg	mmHg, kPa	mmHg
Done Tone	Off	Off, On	off
Start Time	Synchronized	Synchronized, NotSynchron.	sync
VP Pressure	60 mmHg	20..120 mmHg in 5 mmHg steps	60
Reference	Auscultatory	Auscultatory, Invasive	ausc
NBP Time	Meas Time	Meas Time, Next Meas	meas time
Color	Red	See "Color Configuration" on page 151	white
Closevalves ¹	Off	Off, On	

1.Service Mode only.

NBP Configuration Implications

Start Time If you set **Start Time** to **Synchronized**, the monitor will time the second measurement in a series to coincide with the next easy-to-document time. For example, if you start the first measurement at 08:23, and the **Repetition Time** is set to 10 minutes, the monitor will automatically perform the next measurement at 8:30, then 8:40 and so on.

Done Tone Set **Done Tone** to **On** if you want to hear a short prompt tone at completion of each NBP measurement.

VP Pressure This setting determines the cuff pressure used during a Veni Puncture inflation. The cuff deflates automatically after a set time (170 seconds) if it is not manually deflated beforehand.

Reference The NBP measurement reference method can be **Auscultatory** or **Invasive**. **Invasive** delivers NBP values that very closely approximate values measured intra-arterially. **Auscultatory** delivers NBP values that very closely approximate values measured using the manual cuff method. The two references can exhibit a difference of 20 to 30 mmHg in patients with elevated pressures, with the auscultatory reference registering the lower values.

Monitor-Related Settings

This section lists all the monitor-related settings (anything other than measurements). Read any information on Configuration Implications at the end of the relevant tables before you make any configuration changes.

Configuring Alarms

Main Setup --> Alarms --> Alarm Settings

Item Name	Factory Defaults	Choice	User Defaults
Alarm Volume	5	0..10	5
Alarms Off	3 min	1, 2, 3 min, infinite	2
Visual Latching	Red&Yell	Red&Yell, Red Only, Off	Red only
Audible Latching	Red&Yell	Red&Yell, Red Only, Off	Red only
Alarm Sounds	Traditional	Traditional, ISO	ISO
Alarm Low	4	0..10	4
Alarm Text	Standard	Standard, Extended	extended
Alarm Mode	INOP Only	All, INOP Only	all

Alarm Settings Configuration Implications

Alarm Volume Use this setting to define the base volume of the red and yellow audible alarm indicators and the INOP tones.

Alarms Off Use this setting to determine how long the monitor's alarm capabilities will be switched off when the user selects the **Alarms Off** or **Pause Alarms** key. Possible choices are: **1min, 2min, 3min, Infinite**. Be aware that if you configure **Alarms Off** to **Infinite**, all of the monitor's alarming capabilities will be permanently switched off when the user selects the **Alarms Off** key.

Alarm Low Use this setting to define a minimum value for the alarm volume. The alarm volume cannot be set lower than this value.

Alarm Sounds Use this setting to change the alarm sound of the monitor to suit the alarm standards valid in your hospital.

- **Traditional:** The traditional ("Carenet") sounds used in previous HP/Agilent/Philips patient monitor generations.
- **ISO:** A new set of alarm sounds that complies with the ISO/IEC Standard 9703-2.

Alarm Text Use this setting to define how alarm messages are presented on the monitor screen:

- **Standard:** Alarm texts are displayed in text form, for example **** FHR1 LOW**

- **Extended:** Alarm texts are displayed as numeric values, for example, **** FHR1 94 < 110**, where the second number shows the current alarm limit, and the first number shows the maximum amount by which this limit was exceeded.

Alarm Mode There are possible alarm modes for the monitor:

- **All:** Patient alarms and INOPs are enabled, with all audible and visual indicators active.
- **INOP only:** Only INOPs are enabled, with audible and visual indication active. This the default alarm mode. Note that in **INOP only** mode, no patient alarms are enabled or indicated. No alarm limits or alarm off icons are displayed. No patient alarm settings are available in the setup menus.

Configuring the NST Timer

Main Setup --> NST Timer Not using

Item Name	Factory Default	Choice	User Default
Run Time	20 min	10..60 minutes, in increments of 5 minutes	
Notification	Sound	Alarm, Sound, No Sound	no sound
Timer	Off	Off, On	
Timer Volume	4	0..10	

NST Timer Configuration Implications

Run Time The run time can be set between 10 and 60 minutes.

Notification When the NST timer expires, its color changes from blue to green, and a message appears in the monitor status line on the Main Screen. The setting **Notification** lets you configure an alarm or a single tone as additional means of notification:

- Select **Alarm** to receive an INOP alarm when the timer expires.
- Select **Sound** to hear a single tone when the timer expires.
- Select **No Sound** for no additional notification.

Timer The timer is not displayed on the screen as default.

Configuring Fetal Recorder Settings

Main Setup --> Fetal Recorder

Item Name	Factory Defaults	Choice	User Defaults
Scale Type	Geography-specific	US (scale = 30-240) Internat'l (scale = 50-210)	us
Recorder Speed	3 cm/min	1, 2, 3 cm/min	3 cm/min
Trace Style FHR1	Thick	Thin, Medium, Thick, Extra Thick	thick
Trace Style FHR2	Medium		Medium
Trace Style FHR3	Extra Thick		Ex Thick
Trace Style Toco	Thick		Thick
Trace Style HR	Thin		medium
Wave Style ECG	Thin		medium
ECG Wave	Separate	Separate, Overlap	separate
Notes Recording	Along	Along, Across	across
Auto Start	Off	Off, On	on
Confirmed Stop	Off	Off, On	on
Bridge Paperout	On	Off, On	on
NST Autostart	On	Off, On	off
NST Autostop	Off	Off, On	off
Paper Save Mode	Off	Off, On	on
Trace Separation	Off	Off, On	off
Separation Order	Standard	Standard, Classic	standard
Cal. Offset ¹	Calibrated at factory	0=right, 10=left	
Intensity ¹	Set at factory	1..5	

1. Can be changed in Service Mode only

Recorder Configuration Implications

Scale Type The initial setting depends on the geography-specific factory configuration, in conjunction with Line Frequency.

Cal. Offset See “Checking the Fetal Recorder Offset” on page 49 and “Setting the Fetal Recorder Offset” on page 49.

Configuring User Interface Settings

Main Setup --> User Interface

Item Name	Factory Defaults	Choice	User Defaults
QRS Volume	1	0..10	0
QRS Low	0	0..10	0
QRS Type ¹	QRS Tone	QRS Tone, QRS Tick	Tone
Prompt Volume	8	0..10	8
Tone Modulation	Yes	Yes, No	yes
Tone Mod. Type	Enhanced	Standard, Enhanced	enhanced
Global Speed	25mm/s	6.25, 12.5, 25, 50 mm/sec	25 mm/s
Touch ToneVolume	1	0..10	1
Timer Volume	4	0..10	4
Global SmartKeys	not applicable, these settings are stored as unique monitor settings: see “Configuring Global SmartKeys” on page 162.		
Brightness	Optimum	1..10, Optimum	opt
Standby Brightn.	Optimum	1..10, Optimum	opt
Display Units	No	Yes, No	yes
Alarm Limits	Yes	Yes, No	yes
NBP Time	Meas Time	Meas Time, Next Meas	meas time
NBP Sys/Dia Only	Yes	Yes, No	yes
Wave Line Style	Thin	Thin, Medium, Thick, Extra Thick	medium

1. This setting can also be changed in Global settings.

User Interface Configuration Implications

QRS Volume Sets the default volume of the QRS tone.

QRS Low Defines the minimum QRS tone volume that can be selected by the user while in Monitoring Mode.

QRS Type Select **QRS Tone** or **QRS Tick**. If **Tone Modulation** is set to **Yes**, the **QRS Type** automatically switches to **QRS Tone**.

Prompt Volume Defines the volume of the tone the monitor emits to draw the user’s attention to a prompt message shown in the monitor’s prompt/status line.

Tone Modulation if you set **Tone Modulation** to **Yes**, the pitch of the SpO₂ tone will change with the measured SpO₂ level.

Tone Modulation Type This setting lets you choose between **Standard** and **Enhanced**. **Standard** is the regular Nellcor behavior. **Enhanced** results in a larger (and therefore more obvious) frequency decrease for each drop in SpO₂ level.

Global Speed The **Global Speed** setting defines the speed of ECG waves on the screen.

Touch Tone Volume The **Touch Tone Volume** setting defines the volume of the tone you hear every time you select a field on the monitor screen. You may want to set this to 0 if you want to operate the monitor in a quiet environment.

Timer Volume determines the volume of the notification tone for the NST timer.

Brightness Defines the default brightness for monitoring.

Standby Brightn. Lets you choose a brightness setting for when the monitor is in Standby.

Wave Line Style This setting lets you configure the thickness of all waves on the screen. For better visibility over a distance you might want to use **Medium** or **Thick**. The choices are: **Thin**, **Medium**, **Thick**, **Extra Thick**.

Alarm Limits If **Alarm Limits** is set to **Yes**, the alarm limits are displayed next to the measurement numerics.

NBP Time If **NBP Time** is set to **Meas Time**, the time shown beside the NBP numeric will show the timestamp of the most recent NBP measurement. If set to **Next Meas**, and NBP mode is set to Auto, and the time until the next automatic measurement is shown.

NBP Sys/Dia Only If the **NBP Sys/Dia Only** setting in the User Interface menu is set to **Yes**, then only systolic and diastolic values are displayed.

Configuring Global SmartKeys

Main Setup -> User Interface

Smartkeys			
Item Name	Factory Defaults	Complete List of SmartKeys	User Defaults
Global SmartKeys	TocoBaseline	TocoBaseline	no
	FRStart/Stop	FRStart/Stop	yes
	PaperAdvance	PaperAdvance	yes
	Admit/Dischg	Admit/Dischg	no
	Enter Notes	Enter Notes	yes
	Start/Stop (NBP)	Start/Stop (NBP)	yes
	Stop All (NBP)	Stop All (NBP)	no
	Repeat Time (NBP)	Repeat Time (NBP)	yes
	Pause Alarms/Alarms Off	Pause Alarms/Alarms Off	yes
	Stored Data Rec	Stored Data Rec	no
	Monitor Standby	Monitor Standby	yes
	Main Setup	Main Setup	yes
		Start NBP	no
		Stop NBP	no
		Start Recordng	no
		Stop Recordng	no
		Start ECG	no
		Zero IUP	no
		Timer	no
		Set Marker	yes
		Defaults	no

Global SmartKeys Configuration Implications

Global SmartKeys. This lets you define the selection and sequence of the global SmartKeys.

Changing the Selection and Sequence of Global SmartKeys

To change the selection of the Global SmartKeys:

- 1 Select **Main Setup -> User Interface -> Global SmartKeys**.
- 2 From the pop-up key line, select **Add** to open the **Choices** menu that contains all available SmartKeys.
- 3 From the **Choices** menu, select the desired SmartKey. This adds the new key to the bottom of the list of configured SmartKeys (on the left).

To delete a SmartKey from the list of configured SmartKeys,

- ◆ select it in the list, then select the pop-up key **Delete**.

To move a SmartKey to a different position,

- ◆ use the **Sort Up** and **Sort Down** pop-up keys.

Hardware Settings

This section lists all the Hardware settings. These settings are set once per monitor. Any changes you make to the Hardware Settings configuration are automatically stored, there is no need to save them in an extra step. Hardware settings must be entered for each monitor individually, they are stored in the monitor, and they are **not cloned**.

Document the settings you configure in the empty column.

Main Setup -> Hardware

Item Name	Factory Default	User Defaults
Calibrate Touch	n/a	
Keyboard ¹	US	
MIB/RS232 ¹	n/a	

1. Service mode only.

Keyboard This setting is available in **Service Mode only** and allows technical personnel to select the language of the keyboard that is connected to the P/S2 interface connector.

Global Settings

This section lists all the Global Settings. Global Settings are set once per monitor and are independent of the User Defaults. Any changes you may configure are automatically stored, there is no need to save them.

Document the settings you configure in the empty column of the table below.

Read any information on Configuration Implications at the end of the sections before you make any configuration changes.

Main Setup -> Global Settings

Item Name	Factory Defaults	Choice	User Defaults
Line Frequency	Geography-specific	50 Hz, 60 Hz	
QRS Type	QRS Tone	QRS Tone (most countries) QRS Tick (Japan)	
Automat. Default	Yes	Yes, No	

Global Settings Configuration Implications

Line Frequency Use the **Line Frequency** setting to configure the correct line frequency for the AC Power, either 50 Hz or 60 Hz. If the Line Frequency is incorrectly set, this may affect the ECG signal quality.

QRS Type Select **QRS Tone** or **QRS Tick**. If **Tone Modulation** is set to **Yes**, the **QRS Type** automatically switches to **QRS Tone**.

Automat. Default

- If **Automat. Default** is set to **Yes**, and the monitor is switched off for more than one minute, the User Defaults is reloaded in the monitor. Any unstored changes made to the active settings are lost.
- If **Automat. Default** is set to **No**, and the monitor is switched off for more than one minute, the active settings from the most recent session are retained. Automatic Default does not affect the monitor behavior when you discharge a patient. After discharge, the User Defaults is always restored.

If the monitor is switched off and then on again in less than one minute, all active settings are retained, irrespective of the **Automat. Default** setting.